

AMENDMENTS TO THE CLAIMS:

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1-15. (Cancelled)

16. (New) A digital data recording/reproduction method for recording and reproducing digital data in units of clusters, which are each the smallest unit of data recording on a disk recording medium, said method comprising:

constructing a file structure on the disk recording medium in which recordable clusters are connected in advance of starting data recording;

recording digital data from the head of the recordable clusters; and

constituting, as a recorded file, the digital data from a recording head cluster to a recording end cluster.

17. (New) The digital data recording/reproduction method according to claim 16, further comprising:

detecting, when an abend occurs during said recording digital data from the head of the recordable clusters, the abend of data recording after recovery from the abend; and

constituting, as a recorded file, the digital data which has been recorded from the start of data recording to the abend on the basis of format information of the digital data.

18. (New) The digital data recording/reproduction method according to claim 16, wherein format information of the digital data is a sync byte of a transport packet.

19. (New) The digital data recording/reproduction method according to claim 16, wherein format information of the digital data is time information.

20. (New) A digital data recording/reproduction apparatus comprising:

a disk recording medium operable to store digital data in units of clusters, each cluster being the smallest unit of data recording; and  
a file structure management unit operable to  
store the digital data in said disk recording medium,  
read the digital data from said disk recording medium,  
construct a file structure in which recordable clusters are connected in advance of starting data recording,  
record the digital data from the head of the recordable clusters when data recording is started, and  
constitute, as a recording file, the digital data from the recording head cluster to the recording end cluster when the data recording is ended.

21. (New) The digital data recording/reproduction apparatus according to claim 20, wherein said file structure management unit comprises a file recovery unit, and when an abend occurs during recording of the digital data, said file recovery unit is operable to constitute, as recorded data, the digital data which has been recorded from the start of data recording to the abend on the basis of format information of the digital data after recovery from the abend.

22. (New) The digital data recording/reproduction apparatus according to claim 20, wherein format information of the digital data is a sync byte of a transport packet.

23. (New) The digital data recording/reproduction apparatus according to claim 20, wherein format information of the digital data is time information.

24. (New) The digital data recording/reproduction apparatus according to claim 21, further comprising:

a digital broadcast receiver operable to receive a digital broadcast; and

a controller operable to control said file structure management unit according to accounting information which indicates whether the received digital broadcast is a fee-charged digital broadcast or a non-fee-charged digital broadcast;

✓ wherein, when an abend of data recording occurs during reception of a fee-charged digital broadcast, said controller is operable to discard the recorded data after recovery from the abend so that accounting is not performed on the digital broadcast.

25. (New) The digital data recording/reproduction apparatus according to claim 22, further comprising:

B1 a digital broadcast receiver operable to receive a digital broadcast; and

a controller operable to control said file structure management unit according to accounting information which indicates whether the received digital broadcast is a fee-charged digital broadcast or a non-fee-charged digital broadcast;

wherein, when an abend of data recording occurs during reception of a fee-charged digital broadcast, said controller is operable to discard the recorded data after recovery from the abend so that accounting is not performed on the digital broadcast.

26. (New) The digital data recording/reproduction apparatus according to claim 23, further comprising:

a digital broadcast receiver operable to receive a digital broadcast; and

a controller operable to control said file structure management unit according to accounting information which indicates whether the received digital broadcast is a fee-charged digital broadcast or a non-fee-charged digital broadcast;

wherein, when an abend of data recording occurs during reception of a fee-charged digital broadcast, said controller is operable to discard the recorded data after recovery from the abend so that accounting is not performed on the digital broadcast.